



Corres. and Mail  
**30X AF**

AF  
E.T.W.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

**Michael J. HELLER et al.**

Serial No.: 09/490,965

Filed: January 24, 2000

For: METHODS FOR ELECTRONICALLY-  
CONTROLLED ENZYMATIC  
REACTIONS (as amended)

Group Art Unit: 1631

Examiner: Ardin H. Marschel

**REPLY UNDER 37 CFR § 1.116**  
**EXPEDITED PROCEDURE**  
**TECHNOLOGY CENTER 1631**

**FINAL AMENDMENT TRANSMITTAL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for the above-identified application.

- ☐ Applicant(s) petitions for an extension of time under 37 CFR § 1.136 [fees: 37 CFR § 1.17(a)(1)-(5)] for the total number of months checked below:

| EXTENSION<br>(months) |                          | FEE FOR SMALL<br>ENTITY |                          | FEE FOR OTHER THAN<br>SMALL ENTITY |
|-----------------------|--------------------------|-------------------------|--------------------------|------------------------------------|
| 1 month               | <input type="checkbox"/> | \$55.00                 | <input type="checkbox"/> | \$110.00                           |
| 2 months              | <input type="checkbox"/> | \$215.00                | <input type="checkbox"/> | \$430.00                           |
| 3 months              | <input type="checkbox"/> | \$490.00                | <input type="checkbox"/> | \$980.00                           |
| 4 months              | <input type="checkbox"/> | \$765.00                | <input type="checkbox"/> | \$1,530.00                         |
| 5 months              | <input type="checkbox"/> | \$1040.00               | <input type="checkbox"/> | \$2,080.00                         |

- ☒ No extension fee is believed due at this time. However, if the Commissioner deems otherwise, please consider this a petition therefor.

**CERTIFICATE OF MAILING (37 C.F.R. §1.8a)**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Date of Deposit  
IR1:1058850.1

10-11-04

*Denise Doss*  
Denise Doss

**FEES FOR CLAIMS:**

☒ Applicant claims small entity status pursuant to 37 CFR 1.27.

The fees for claims (37 CFR § 1.16(b)-(d)) have been calculated as shown below

|   | Currently<br>Pending | Previously<br>Paid for | Additional<br>Claims | Fees                     | Totals |
|---|----------------------|------------------------|----------------------|--------------------------|--------|
| Total Claims  | 18                   | -                      | 22 = 0               | x \$18.00                | 0      |
| Independent Claims  | 2                    | -                      | 3 = 0                | x \$88.00                | 0      |
| Multiple Dependent Claims   | \$300                | (if applicable)        |                      | <input type="checkbox"/> | 0      |
| <b>TOTAL OF ABOVE CALCULATIONS</b>  |                      |                        |                      |                          | 0      |
| Reduction by ½ for Filing by Small Entity.<br>Note 37 CFR §§ 1.9, 1.27, 1.28. |                      |                        |                      |                          | 0      |
| <b>TOTAL FEES FOR CLAIMS SUBMITTED HERewith</b>                               |                      |                        |                      |                          | \$0    |

☐ A check in the amount of \$\_\_\_\_\_ is enclosed herewith

☐ Charge Deposit Account No. **50-2862** for \$\_\_\_\_\_.

☒ The Commissioner is authorized to charge O'Melveny & Myers' Deposit Account No. **50-2862** for any fees required under 37 CFR §§ 1.16 and 1.17 that are not covered, in whole or in part, by any check enclosed herewith and to credit any overpayments to said Deposit Account **50-2862**.

Respectfully submitted,

Dated: 10/11/04

By: Diane K. Wong  
Diane K. Wong  
Reg. No. 54,550

DBM/DKW/dnd

O'Melveny & Myers LLP  
114 Pacifica, Suite 100  
Irvine, CA 92618  
(949) 737-2900



Patent US 102C2  
Attorney Docket: 612,404-343  
(Formerly 249/292)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**Michael J. HELLER et al.**

**Serial No.: 09/490,965**

Filed: January 24, 2000

For: METHODS FOR ELECTRONICALLY-  
CONTROLLED ENZYMATIC  
REACTIONS

Group Art Unit: 1631

Examiner: Ardin H. Marschel

**AMENDMENT AND RESPONSE UNDER 37 CFR §1.116**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated July 14, 2004, the applicants make the following amendments:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 8 of this paper.

CERTIFICATE OF MAILING (37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit  
IR1:1058836.1

10-11-04

*Denise N. Doss*  
Denise N. Doss